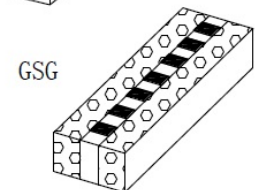
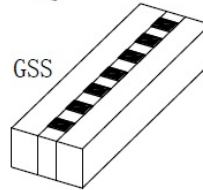
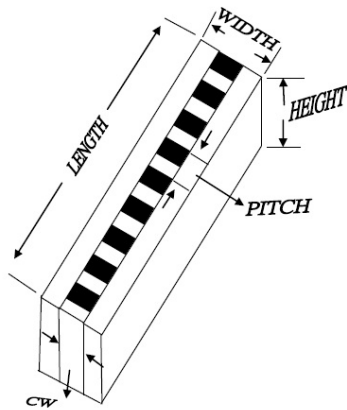


Silicone Connector Design Guide



Length

1.0-2.0 mm shorter than length of the glass as the room for expansion after compressing.

E.g.: If the LCD and the PCB have many pins extending to the two ends, more the interconnector left and right to make sure that the interconnector is longer than the last pin of the module.

Height

The length between PCB and LCD plus the compression ratio.

E.g.: If the after compressing length between PCB and LCD is 5.0mm, the reasonable compression ratio is min 9%, max 13%, and mid 11% is suggested to take for the design.

Distance between PCB and LCD

Length design= compression height x (1+compression ratio) = 5mm x (1+0.11) = 5.55mm

NOTE: When contact width (CW) bigger than 0.8mm, width longer than 3.0mm, or the hardness of the side insulation part higher than 25°, the compression ratio needs to be proportionally decreased.



KUNSHAN GLORY SUN INDUSTRIAL CO., LTD.

No.1288-1, Shuixiu Rd., High-tech industrial park,

Kunshan City, Jiangsu Province, China

TEL: +86-512-57777921 FAX: +86-512-57777937

Width

When the width is shorter than 3.0mm, the tolerance set as $\pm 0.1\text{mm}$

When the width is longer than 3.0mm, the tolerance set as $\pm 0.15\text{mm}$

Width design suggested formula

Width=inner edge of the frame – down side of the glass $\div 2 \times 0.85$ (high compression)

Width=inner edge of the frame – down side of the glass $\div 2 \times 0.90$ (low compression)